

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029**

ORIGINAL
RED

SUBJECT: Toxicological Review of HW08A Data 12 March 2012
Dimock, PA

FROM: Dawn A. Ioven, toxicologist
Technical Support Branch (3HS41)

TO: Rich Fetzner, OSC
Eastern Response Branch (3HS31)

On 25 January 2012, U.S. EPA collected water samples from HW08A in Dimock. The samples were analyzed for over 200 constituents, including volatile organic compounds, semi-volatile compounds, metals and bacteria. The analytical results were then validated and compared to risk-based screening levels and/or standards for public drinking water supplies.

In HW08A, the only finding of interest was a total coliform count of 54 cfu/100 mL. The purpose of analyzing for total coliform is to indicate the potential presence of fecal coliform, which is an illness-causing member of the coliform family. However, in HW08A, no fecal coliform was observed in the collected samples.

Overall, no constituents were detected at levels of concern in this well. Based on the data, no unacceptable risk is anticipated from consumption or household use of water from HW08A.



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Customer Service Hotline: 1-800-438-2474*

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northeastern environmental laboratories, inc.

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PFE
ORIGINAL
RED

Report Date: 07/28/08

Client: T.S. CALKINS & ASSOCIATES, INC.
OIL AND GAS PROPERTIES
PO BOX 198 / 9 FORMAN STREET
BRADFORD, PA 16701

Sample Location: Ex. 6 - Personal Privacy

Sample Description: WELL WATER

Sample Date: 07/09/08

Sample Time: 1340

Sample Type: GRAB

Sample Collector: FARNHAM & ASSOCIATES / DF

LABORATORY ANALYTICAL RESULTS

Parameter:	Analytical Method	Analysis Date	Lab. Tech	Detection Limit	UNITS	RESULTS
pH*	SM 4500 H+8	07/09/08	DF	0.1	SU	6.1
TEMPERATURE***	SM 2550	07/09/08	DF	0.1	°C	14.4
FECAL COLIFORM	SM 9222 D	07/10/08	JB	1	cfu /100ml	0
TOTAL SUSPENDED SOLIDS	1376585	07/11/08	JP	5	mg/L	<5
TOTAL DISSOLVED SOLIDS	SM 2540C	07/10/08	KL	5	mg/L	89
CHLORIDE	4110B	07/23/08	LP	0.1	mg/L	5.3
IRON	200.7	07/15/08	JD	0.005	mg/L	<0.005
MAGNESIUM	200.7	07/15/08	JD	0.05	mg/L	4.88
SULFIDE	376.2	07/15/08	TC	1.00	mg/L	<1.00
SURFACTANTS	425.1	07/17/08	CD	0.20	mg/L	<0.20
OIL & GREASE	1664A	07/16/08	CD	5	mg/L	<5
MTBE	8280B	07/12/08	RH	0.0005	mg/L	<0.0005
BENZENE	8280B	07/12/08	RH	0.0005	mg/L	<0.0005
ETHYLBENZENE	8280B	07/12/08	RH	0.0005	mg/L	<0.0005
TOLUENE	8280B	07/12/08	RH	0.0005	mg/L	<0.0005
TOTAL XYLENES	8280B	07/12/08	RH	0.0005	mg/L	<0.0005

Sample Comments :

Field Notes : LEL (Lower Explosive Limit) monitoring performed with QRAE 027 LEL Monitor.

Results : No HC (Hydrocarbons) detected

Reviewed by: 

environmental management specialists